MDR Down Load

IMPORTANT

Ensure PC laptop is <u>On</u>, LIMSS-GAS application is <u>Started</u>, and interfacing cable and MIL-STD-1553 card is <u>connected and configured</u>

Task Steps:

- 1. Ensure Aircraft Battery is connected (Do not turn aircraft battery on).
- 2. Ensure PC is on with a MIL-STD-1553 card and LIMSS-GAS installed prior to PC start up.
- 3. Connect down load interfacing cable to the MIL-STD 1553 card and then to the "A" Bus Cable connector on the aircraft (Slide 4).
- 4. Start the LIMSS-GAS program (Slide 5).
- 5. Connect the down load cable power connector to the connector on the aircraft (Slide 4).

MDR Down Load

- Procedures
 6. Open the "Safety" menu and select "Down load only".
 LIMSS-GAS will begin inventorying flight files (Slide 6).
- 7. Once the inventory is complete, select the flight (date/time) and then change the "Output Directory" to desired location (Desktop; New Folder). Then select the "Down Load" button in the lower right corner of screen (Slide 7, 8, 9 and 10).
- 8. Once the Down Load is complete, disconnect all the cables, close the LIMSS-GAS application and disconnect aircraft battery.
- 9. Successful selected down loaded 'flight'; will produce four (4) binary (.BIN) files; A audio, F fixed, V variable, and S Safety. Preceding flights will normally produce only the F, V, and S BIN files. Note: The last and/or preceding flights may contain audio;

MDR Down Load Procedures

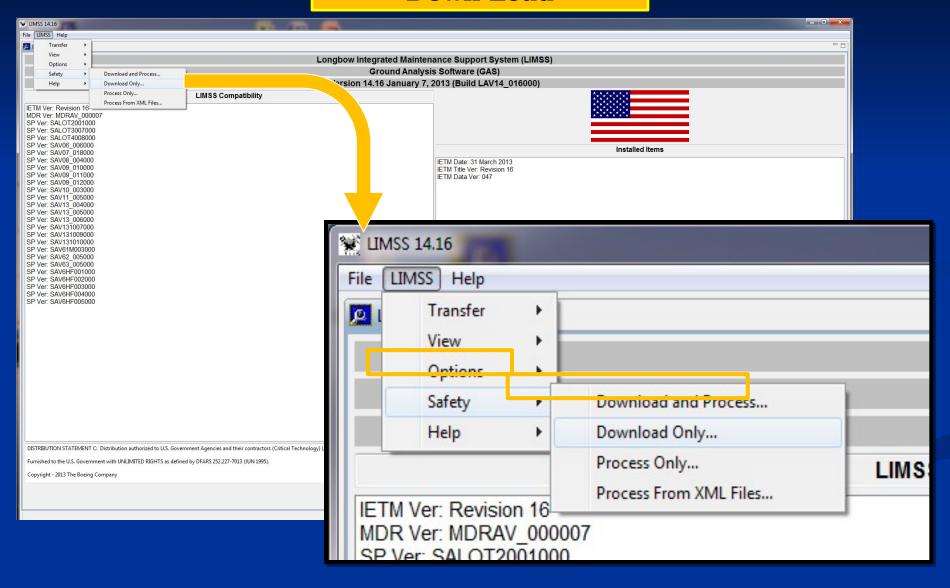
- 10.E-mail the BIN files (F fixed; V variable; S safety) along with a short description of the problem to:
 usarmy.rucker.hqda-secarmy.list.safe-dcai@mail.mil_or
 William.F.Rhode.civ@mail.mil; Carl.J.Shea.civ@mail.mil
 Timothy.S.Ashcom.civ@mail.mil . The audio (A) BIN file
 is too large to send via e-mail. Use the following site
 to send: https://safe.amrdec.army.mil/safe/ The Lab will
 process the data and return it to you.
- 11.If there is possibility damage to the MDR or the MDRs electrical system components and/or connections; then remove the MDR and send it to the CRC for down load and processing (mailing address is in DA Pam 385-40).



LIMSS-GAS Main Screen



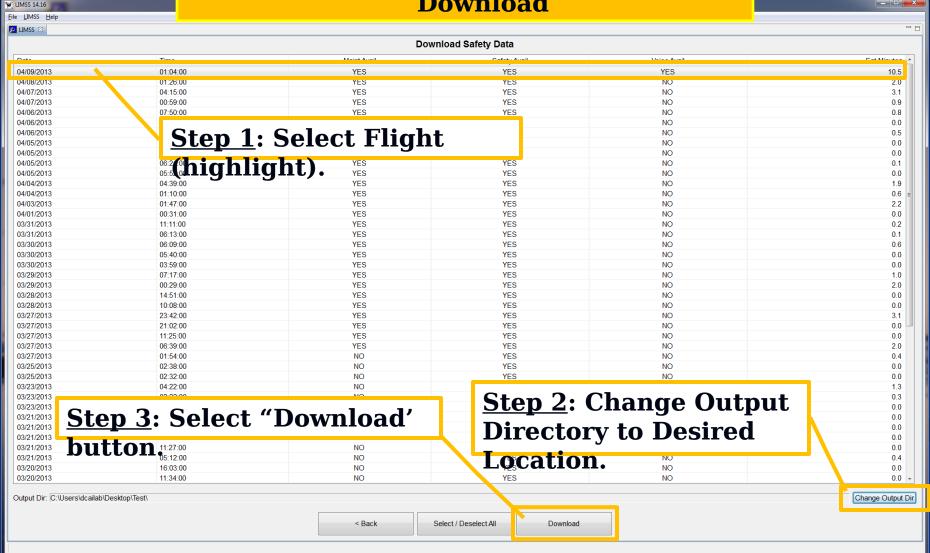
Down Load



Flight Inventory Page

Eile LIMSS Help ☐ LIMSS Date	Time	Dov			
Date		Dov			- 6
		Dov			
			wnload Safety Data		
		Maint Avail	Safety Avail	Voice Avail	Est Minutes 🔔
04/09/2013	01:04:00	YES	YES	YES	10.5
04/08/2013	01:26:00	YES	YES	NO	2.0
04/07/2013	04:15:00	YES	YES	NO	3.1
04/07/2013	00:59:00	YES	YES	NO	0.9
04/06/2013	07:50:00	YES	YES	NO	0.8
04/06/2013	07:40:00	YES	YES	NO	0.0
04/06/2013	04:06:00	YES	YES	NO	0.5
04/05/2013	11:38:00	YES	YES	NO	0.0
04/05/2013	10:54:00	YES	YES	NO	0.0
04/05/2013	06:21:00	YES	YES	NO	0.1
04/05/2013	05:52:00	YES	YES	NO	0.0
04/04/2013	04:39:00	YES	YES	NO	1.9
04/04/2013	01:10:00	YES	YES	NO	0.6
04/03/2013	01:47:00	YES	YES	NO	2.2
04/01/2013	00:31:00	YES	YES	NO	0.0
03/31/2013	11:11:00	YES	YES	NO	0.2
03/31/2013	06:13:00	YES	YES	NO	0.1
03/30/2013	06:09:00	YES	YES	NO NO	0.6
03/30/2013	05:40:00	YES	YES	NO NO	0.0
03/30/2013	03:59:00	YES	YES	NO NO	0.0
03/29/2013	07:17:00	YES	YES	NO NO	1.0
03/29/2013	00:29:00	YES	YES	NO NO	2.0
03/28/2013	14:51:00	YES	YES	NO NO	0.0
03/28/2013	10:08:00	YES	YES	NO NO	0.0
			YES		
03/27/2013	23:42:00	YES		NO NO	3.1
03/27/2013	21:02:00	YES	YES	NO	0.0
03/27/2013	11:25:00	YES	YES	NO	0.0
03/27/2013	06:39:00	YES	YES	NO	2.0
03/27/2013	01:54:00	NO	YES	NO	0.4
03/25/2013	02:38:00	NO	YES	NO	0.0
03/25/2013	02:32:00	NO	YES	NO	0.0
03/23/2013	04:22:00	NO	YES	NO	1.3
03/23/2013	02:22:00	NO	YES	NO	0.3
03/23/2013	02:07:00	NO	YES	NO	0.0
03/21/2013	12:41:00	NO	YES	NO	0.0
03/21/2013	12:34:00	NO	YES	NO	0.0
03/21/2013	12:02:00	NO	YES	NO	0.0
03/21/2013	11:27:00	NO	YES	NO	0.0
03/21/2013	05:12:00	NO	YES	NO	0.4
03/20/2013	16:03:00	NO	YES	NO	0.0
03/20/2013	11:34:00	NO	YES	NO	0.0 -
Output Dir: C:\Users\dcailab\De	esktop\Test\				Change Output Dir
2					Orange Capat Di
		< Back	Select / Deselect All Download		

Flight Selection, Output Directory, and Download



Aircraft Tail Number

